AceClamp®/PMC Industries Introduces ColorSnap™ -- an Easier, Faster Way to Install Snow Retention Systems. AceClamp’s new ColorSnap™ snow retention bar simply snaps into retaining clips that have already been installed on AceClamp’s patented, top-loading standing seam metal roofing fasteners. One snap and you’re done! Intended for use with single-lock, double-lock and snap-lock standing seam metal roofs.

SECTION 07 72 53
SNOW RETENTION BARS

PART 1 - GENERAL

1.1 SUMMARY
A. Work Included: Provide labor, materials and equipment necessary to complete the work of this Section, including but not limited to the following:
1. Snow retention bars including non-penetrating fasteners for standing seam metal roofing.
B. Related Work: Coordinate with the following items which are specified in other sections:
1. Section 07 41 13 – METAL ROOF PANELS.

1.2 SUBMITTALS
A. Product Data: For each material and accessory.
B. Shop Drawings: Include layout of snow retention bars and details of installation.

1.3 QUALITY ASSURANCE
A. Preinstallation Conference: Conduct conference at Project site prior to starting work. Review methods and procedures related to installation of snow retention bars.

1.4 DELIVERY, STORAGE, AND HANDLING
A. Comply with manufacturer’s requirements for delivery, storage and handling.

1.5 WARRANTY
A. Manufacturer’s Warranty: Provide manufacturer’s standard 20-year limited warranty against product defects.

PART 2 - PRODUCTS

2.1 SNOW RETENTION BARS

1. Components: Extruded aluminum rail, color strip, ice flags, clamps, top block, hex head bolt, connector link.
2. Extruded Materials (Rails and Ice Flag): 6000 Series tempered aluminum alloy complying with ASTM B221.

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3. Stainless Steel Materials (Connector Link and Hex Head Bolts): 300 Series stainless steel complying with ASTM A582/12.
4. Roof Clamp Style: A2, A2N or ML as applicable.
5. Color: Match metal roofing.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and conditions, with Installer present, for compliance with manufacturer’s requirements for installation. Do not proceed with installation until unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Install snow retention bars in strict accordance with manufacturer’s guidelines and approved submittals. Comply with manufacturer’s installation requirements, including the following:

1. Install clamp fully assembled, with non-penetrating fasteners on the standing seam metal ribs. Set extruded bar below the fasteners and slide up until it snaps into place. Tighten bolts on the clips.
2. Insert color-matching metal strip into the bar’s front-facing groove.
3. Install aluminum ice flags on the retention system mid-way between the roof seams.

B. Clean snow retention bars after installation. Replace damaged components.

END OF SECTION